Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

SBR No. 20/19-20 DATED 17-6-19

No.1st & Final Bill

Date.....2010

EE/ELE/Y/BR No. 20/19-20 Dt. 17-6-19

Division: **Electricals (Yelahanka)** Sub-Division: **Electricals**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Job Code :-001-18-000035**

Schedule Docket No. Head of Account : P – 3250 D.R.No.

Name of Work:- Supplaying and Errection of Boat Style Floating Jet Aerator of approxmatly 13 Mtrs Height With LED RGB Lights including HT Installation in Yelahanka old town tank Ward No1.

Name of Contractor and Full Address:- Sri Madhusudhan A N(Suraksha Electricals)

Reference to Agreement No:EE(Pro)/YnkZone/WO/43/ 2018-19 Date:- 2/1/2019

Certified that the measurements were taken by me on 6/6/19 and recorded of Pages 256342 to 256344 of measurement Book No. 2864/2018-19 and that the work is satisfactorily executed.

for M/s SURAKSHA ELECTRICALS Proprietor

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on ..... 6/6/19 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer (Ele) Sub Division Office BBMP, Bangalore

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	Bill= 301661=00
2)	Deduct amount to be held in reserve being .....percent Rs.....	IT 1% 30167=00
3)	" Balance	Short 1% 26935=00
4)	Deduct Payment:	Cost 1% 26935=00
a)	Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount	LWC 1% 30167=00
	adjusted towards cash advance recovery of	CBFO 1% 3017=00
b)	Payments Now made ⎫ cost store or other material supplied. ⎬ recovery of amount creditable to this/other work ⎭ Amount paid on this bill Cheque / Cash.	deductions= 117221=00
5)	Balance being unpaid value of work done held in reserve.	Cheque= 2899440=00
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7)	Net amount due to or from Contractor unadjustments items.	
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted -	

for M/s SURAKSHA ELECTRICALS Proprietor

Contractor's Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands) (For use in the Office)

Witness

1.

2.

Stamp

for M/s SURAKSHA ELECTRICALS Proprietor

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....Initials of Officer making payme

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P3250 Appeal Development

ರೂ: 30,16,661=00 ಡ್ರಾಯಿಟ್ ಮಾಡಿ ಸ್ವೀಕರಿಸಿದೆ

ರೂ: 28,99,440=00 ಚೆಕ್ ನೀಡಲಾಗುವುದಾಗಿದೆ

ರೂ: 117221=00 ಹೊಂದಾಣಿಕೆ ಮಾಡಿದೆ

ಲೆಕ್ಕ ಅಧೀಕ್ಷಕರು ಕಾ.ಪಾ.ಅ.(ವಿ) ಯಲಹಂಕ ವಲಯ

Sl no	Description of item	Unit
	Name of the Work:- Supplaying and Errection of Boat Style Floating Jet Aerator of approxmatly 13 Mtrs Height With LED RGB Lights including HT Installation in Yelahanka old town tank Ward No1.	
1	Supplay, Instalation Testing And Commissioning of COMPACT floating foaming Jet Aerator. The Aerator is mounted on an unobtrusive circular float built in international standards in GRP With alluminium sub frame for complete corrosion rasistance there are four separate compartments each fitted with closed cell foam prevents the entry of water even if floot holed with 3HP Motor 4 Nos RGB(0.084KW) lights completly integrated Package, factory assembled so as to achive the best possiable display and precision of the Water Jets and effects. The pump set is exactly matched to the fountain,The work should be carried out as per the directions of the incharge Engineer including lead & lift	Set
2	Supplay, Instalation Testing And Commissioning of of COMPACT floating foaming Jet Aerator. The Seven heavy Jets radiating out from the base is mounted on an unobtrusive circular float built in international standards in GRP With alluminium sub frame for complete corrosion rasistance there are four separate compartments each fitted with closed cell foam prevents the entry of water *even* if floot holed, with 2x10HP Motor,12No. 54 Wx24V LED RGB Lights completly integrated Package, factory assembled so as to achive the best possiable display and precision of the Water Jets and effects. The pump set is exactly matched to the fountain,The work should be carried out as per the directions of the incharge Engineer including lead & lift	Set
3	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanished, steel wire/steel tap armoured cable with PVC outer sheating 1.1 KV class.I. Class 'A' PVC Cable. 3.5 core 70 sqmm	Per Mtr
4	Labour charges for laying of 1.1 KV class UG cable when supplied agency in existing trench GI pipe / stoneware pipe / on wall /on pole as required. I. In existing trench/duct. 25 sqmm to 75 sqmm	Per Mtr
5	Digging of trench of 0.6 m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.,complete. (As perCivil SR KSRB I-2, P-7).a) In soil (ordinary)	Per Mtr
6	Fabricating supplying and mounting MS box made out... SWG suitable lfor floor/wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size cdlamps with mecessary cable entry pipe with	Sqcm
7	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. And M.S. flat... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint.	Per Mtr
8	Supply and fixing of 4-pole power contactor with NO/NC contacts on existing wood / panel board using necessary bolts, nuts, washers and wiring etc., complete. d) 160-200Amps	Nos
9	Supplying and fixing miniature circuit breakes on exisiting MCB distribution boards using necessary fixing materials and wiring complete as required. b) 40-63Amps DP,2. Group 'A'	Nos
10	f)40-63Amps TPN, Group A	Nos
11	Supplying and drawing Flexible Multicore Cable manufactured with electrolytic grade flexible copper with low conductor confirming to table 3 class 5 of IS:8130-1984 and (Virgin) PVC insulation and sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 & confirming to GTP of GROUP-A.4C X 2.5Sq.mm	Mtrs
12	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 & confirming to GTP of GROUP-A 3C X 6.0Sq.mm(150Mtrs x 6 Runs)	Mtrs
13	Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc. Copper wire.8 SWG	Mtrs

Previous		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate	Amount	Qty	Cost	
		1	500000.00	500000.00	1	500000.00	
		1	1756900.00	1756900.00	1	1756900.00	
		345	300.00	103500.00	345	103500.00	
		345	18.00	6210.00	345	6210.00	
		297	85.00	25245.00	297	25245.00	
		90000	0.40	36000.00	90000	36000.00	
		10	270.00	2700.00	10	2700.00	
		2	16500.00	33000.00	2	33000.00	
		1	1010.00	1010.00	1	1010.00	
		1	2000.00	2000.00	1	2000.00	
		894	100.00	89400.00	894	89400.00	
		894	220.00	196680.00	894	196680.00	
		794	114.00	90516.00	794	90516.00	

14	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) THREE POLE 125-160Amps 25kA.	
15	LED Street light. Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. Diffuser with Injection moulded & is made of polycarbonate material with high transmission index, delivering superior light output. Rated life Burning Hrs. 50000 hr. @ Lumen Maintenance of 70%. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains Current should not be greater than 0.1A to 0.7A & Surge Protection- Min 4 KV along with Over voltage/Overload, short circuit/ miswiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI 75+. housing with supplier word mark / name shall be engraved / Embossing on the die cast housing / body part. . Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Warranty of 5 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED source manufacturer. Suitable for A1/A2 Roads as per IS 1944 Part I & Part II.90 Watts	Nos
	Total Rs	

Certificate: 1. Certefied that the Above Work has been carreid out satisfactorily

Assistant Executive Engineer (Ele)
BBMP, Bangalore

		2	5500.00	11000.00	2	11000.00	
		5	32500.00	162500.00	5	162500.00	
				3016661.00		**3016661.00**	